

**AN APPLICATION OF GRAVITY MODEL
IN EDUCATION TOURISM:
A CASE OF PUBLIC HIGHER EDUCATION
INSTITUTIONS IN MALAYSIA**



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TAJUK PROJEK PENYELIDIKAN DANA KECEMERLANGAN : AN APPLICATION OF GRAVITY MODEL IN EDUCATION TOURISM : A CASE OF PUBLIC HIGHER EDUCATION INSTITUTIONS IN MALAYSIA.

Dengan hormatnya perkara di atas adalah dirujuk.

Sukacita dimaklumkan Unit Pengurusan Penyelidikan (RMU) telah meluluskan cadangan penyelidikan yang telah dikemukakan oleh tuan/puan bertajuk di atas dengan syarat-syarat seperti berikut:

- i. Tempoh projek penyelidikan ini ialah 1 tahun, iaitu bermula **11 Mei 2009** hingga **11 Mei 2010**.
- ii. Tuan/Puan dinasihatkan untuk membuat pembetulan proposal penyelidikan seperti yang dicadangkan oleh panel penilai (sila lihat lampiran penilai yang disertakan).
- iii. Kos yang diluluskan ialah sebanyak **RM5,000.00 sahaja** dalam (Kategori C). Tuan/Puan diminta mengemukakan proposal beserta bajet yang baru mengikut kos yang diluluskan sebelum tuan/puan memulakan projek penyelidikan tuan/puan.

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ABSTRACT

The tourism industry is currently Malaysian third most important industry in terms of foreign exchange earnings after the manufacturing and palm oil sectors. However, conventional tourism activity is vulnerable to current shocks e.g. Bird Flu, H1N1 pandemic and terrorist activities. Therefore alternative tourism activity such as education tourism (edu-tourism) has become one of the solutions. The objective of the study is to model international student enrolments using the Gravity Model whereby Malaysian public higher education institutions is the reference point. Results from panel data analysis using GLS-Two Way Estimation indicate that distance is the most elastic variable in determining the education tourism demand. The higher the distance, the lower enrolment it will be. Meanwhile, education tourism demand is positively related with Malaysian export. In addition, more enrolled students come from countries which have socio-economic agreement with Malaysia. Appropriate actions have been proposed, to place Malaysia as one of the major exporters in education tourism industry, parallel with its vision to become an international center of excellence for education beyond year 2020.